



Division of Facilities Operations

OVERVIEW

- One of four healthcare facilities divisions in the Office of Environmental Health and Engineering (OEHE)
- Responsible for all facilities engineering operations activities.
- Also responsible for Realty, Clinical Engineering and Facilities Environmental Programs
- Major System (HFDS) is a subsidiary financial ledger.
- Summary of Facilities Data

Type	# of Entities	Total Space (GSF or NSF)
Gov't and Tribally Owned Buildings	1,829	12,414,128.97 Gross Sq. Ft.
Gov't and Tribally Owned Quarters	1,273	2,703,218.48 Gross Sq. Ft.
Gov't Direct and GSA Leased Buildings	256	2,647,673.85 Net Sq. Ft.
Land	144	
Structures	1,150	112,218.00 Gross Sq. Ft.
TOTAL	4,652	17,877,239.30 Sq. Ft.

-Current Building Replacement Value (CRV) \$2,175,981,330.00



Division of Facilities Operations

Division Programs

- Facilities Operations
- Environmental (related to facilities)
- Historic Properties (stewardship)
- Energy
- Demolition Funds
- Real Property Asset Management Requirements
- Guidelines/Technical Handbook
- Realty
- Leasing Management
- Quarters Management
- Clinical Engineering



Division of Facilities Operations

Primary Applications

- Health Facilities Data System (HFDS)
- Tribal Equipment Request Data System
- Facilities Web Application
- Maintenance, Improvement and Equipment Advice Tracking System
- DFO Website (public site)



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Health Facilities Data System (HFDS)

The HFDS stores information relating to all of the Indian Health Services (IHS) buildings, structures and land assets. It is used to store, track, maintain and report on the following:

- Budget information
- Real property data
- Leases and trusts
- Maintenance and Improvements (M&I)
- Equipment
- Construction projects and funding
- Energy data
- Environmental data
- Asset Management



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Health Facilities Data System (HFDS)

- SQL Server 2000 back-end
- MS Access 2000 front-end (local copy)
- 250 Users (HQ, Area Offices and Facilities)
- 1,772 Objects
 - 409 SQL Tables
 - 65 Local Access Tables
 - 589 Queries/Views
 - 322 Forms
 - 350 Reports
 - 37 Other (e.g. Modules, Macros)
- Extensive VBA
- Original version created back in the mid-1990s
- Future: Begin move to Cold Fusion 7.0 Web Application in FY2006



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HFDS (Screenshot of main menu)



Healthcare Facilities Data System

Version 5.15

[Contact for Help](#)

[Display DB Window](#)

[Refresh Links](#)

[Exit Access](#)

[Realty](#) [Lease](#) [MIE](#) [FEDS & Env](#) [Project](#) [Self Gov](#) [Energy](#) [Stewardship](#) [Asset Mngt](#) [Admin](#)

Forms:

- ☐ RPI (IHS-Owned and Trust)
- ☐ RPI - Archived / Deleted Installations
- ☐ RPI Datasheet View
- ☐ RPI - Deleted BLS
- ☐ RPI & MIE Activity Log
- ☐ Insert New Projected Building, Structure
- ☐ Misc Site Info

Reports:

- ☐ RPI
- ☐ Area Summary
- ☐ IHS Summary
- ☐ Realty Asset Value Reporting

Preview before print? ☒



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Facilities Web Application



- Multi-purpose application
- SQL Server 2000
- Cold Fusion 7.0
- <http://facilities.hqe.ihs.gov/index.cfm>
- 30+ Users (HQ and Area Offices)



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(Screenshot of Facilities Web Application)

IHS Facilities Main Page

Username: Password: [Login](#)



[Photo Album](#)

The Photo Album is a place where anyone on the IHS intranet can upload pictures of IHS activities.



[Technical Handbook](#)

For Environmental Health and Engineering

This site contains guidelines and policy information for use in environmental health and engineering.



[Meeting Tracking](#)

Track meeting requests for any meeting that requires 5+ people to attend.



[Document Tracking](#)

Real Property Document tracking system

Contains information about documents currently being processed at headquarters. In the future area offices will be able to submit some documents via the use of PDF files.



[Calc Area](#)

Calculate the area of a legal description.

CalcArea takes the angles and distances from a legal description and will plot a sketch of the area, give a closure error percentage, and will also give the area in square meters, hectares, and acres.



[Netmeeting Meetings](#)

One click access to a netmeeting meeting

Provides one click access to join a netmeeting meeting and also provides the telephone number to join the conference call.



[Facilities Settings](#)

Change Password
Update contact information
Add additional users



[Tech Handbook Admin](#)

This application controls the content of the technical handbook. Only the technical handbook administrator has access to this application.



[HFAC Admin](#)

This application controls the content of the HFAC website. Only the HFAC administrator has access to this application.



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Tribal Equipment Funds Application

- Used by the tribes to submit applications for general equipment funding. The area offices and headquarters then use this system to review and approve these applications.
 - Funding is provided to tribes that construct clinics without IHS funds to replace existing facilities.
 - Tribes constructing new space by replacement, addition, or expansion may apply for these funds.
- SQL Server 2000
- Cold Fusion 7.0
- Users include Tribes, Area Offices and Headquarters



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(Screenshot of Application)

Tribal General Equipment Funds Request System



[Program Overview](#)

[Apply Now](#)
through 11/18/2005

[Area Office & Headquarters Login](#)

Announcement: Tribal health care organizations may now apply for up to 20% of their construction contracts to equip their new facilities.

Eligibility requirements: In most cases, tribes may submit an application for funding consideration for FY 2006 if the following criteria are met:

1. Tribal health care organization constructs an expansion or replacement facility using non-IHS funding; and
2. Signs or plans on signing a construction contract between October 1, 2004 and September 30, 2006; and
3. The application is received by the application deadline.

For more specific requirements for special cases, see the Tribal General Equipment Funds Policy at <http://www.oehe.ihs.gov/hb/pdf/05102.pdf>



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(Screenshot of Funds Request)



TRIBAL EQUIPMENT FUNDS REQUEST DATA SHEET

Project Name: <input type="text" value="Select One"/> <input type="button" value="New"/>		Date: <input type="text" value="03/09/2006"/>	IHS Area: <input type="text" value="Select one"/>
Tribal Org.: <input type="text" value="Select One"/> <input type="button" value="New"/>		Contact Name: <input type="text"/>	
Title: <input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> IHS-Direct		Address: <input type="text"/>	
Address: <input type="text"/>		City: <input type="text"/> ST: <input type="text"/> Zip: <input type="text"/>	
City: <input type="text"/> ST: <input type="text"/> Zip: <input type="text"/>		Phone: <input type="text"/>	
E-mail: <input type="text"/>			
Design Award Date: <input type="text"/> (<input type="radio"/> est. <input type="radio"/> act.)		Const. Award Date: <input type="text"/> (<input type="radio"/> est. <input type="radio"/> act.)	
Building Type: <input checked="" type="radio"/> Hospital <input type="radio"/> Other (Explain)		Ownership of New Bldg: <input type="text" value="Empty unless building type = other."/> <input checked="" type="radio"/> Tribally Owned <input type="radio"/> Tribal Lease-to-Purchase <input type="radio"/> Other (Explain)	
Project Type: <input checked="" type="radio"/> Total Replacement <input type="radio"/> Partial Replacement <input type="radio"/> Addition/Expansion			
Brief Project Description: (Example: Expanding clinic adding 20 new exam rooms, 1 new x-ray suite, pharmacy, waiting and med records.) <input type="text"/>			
A. Total existing Service Area ¹ program space (exclude quarters):		<input type="text" value="0"/> (SM) ²	
B. Amount of space being vacated (and not reused this project):		<input type="text" value="0"/> (SM)	
C. Newly constructed replacement/expansion space (this project):		<input type="text" value="0"/> (SM)	
D. New Service Area ¹ space total (A-B+C):		<input type="text" value="0"/> (SM)	
E. Existing space being renovated (not eligible for equipment funds):		<input type="text" value="0"/> (SM)	
F. FY 2004 Official IHS User Population for Service Area ¹ (active):		<input type="text" value="0"/> (pop)	
G. Tribes Served:		<input type="text" value="0"/> tribe(s)	

H. Supportable Space for Service Area ¹ based on (check one): <input checked="" type="radio"/> (User Population * 0.8 + 200 * Tribe) <input type="radio"/> HSP ³ <input type="radio"/> HFPM <input type="text" value="0"/> (SM)	
Project Estimates (or actuals if known):	
I. Renovation cost, if any: \$ <input type="text" value="0"/>	L. Total project construction cost (sum of column at left): \$ <input type="text" value="0"/> (<input checked="" type="radio"/> est. <input type="radio"/> act.)
J. IHS funds for new space: \$ <input type="text" value="0"/>	K. Non-IHS funds for new space: \$ <input type="text" value="0"/>
Notes: <input type="text"/>	

Award is calculated using non-IHS new space cost, building type (hospital vs. clinic space) and percentage of supportable space.

¹Service Area is defined as the total area or population served by the Service Area or Tribal Health Department/Corporation.

²Square Feet x .0929 = Square Meters; ex: 100 SF x .0929 = 9.29 SM

³If the IHS official Health Systems Planning (HSP) computer program or the Health Facilities Planning Manual (HFPM) analysis is used to justify larger space than the simplified user population space calculation estimate, include copy of the HSP or HFPM justification.

For Official Use Only

Non-IHS Funds (K):	% Building Type - 20% or 17%	% of Space Eligible (H-(A-B))/(C) (not to exceed 100%)	Total Equip Need (w/o \$300,000 Cap):	Eligible Equipment Funds Need (w/ \$300,000 cap)
\$ <input type="text" value="0"/>	<input type="text" value="17"/> %	<input type="text" value="0"/> %	\$ <input type="text" value="0"/>	\$ <input type="text" value="0"/>



Division of Facilities Operations

M&I and Equipment Advice Tracking System

- Currently under development
- Approx. \$70 million each year
- This system will be used for advice related activities for Maintenance & Improvement (M&I) and Equipment requests for funding.
- SQL Server 2000
- MS Access 2000




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(Screenshot of MIE Application)





Division of Facilities Operations
Maintenance & Improvements and Equipment
Advice Tracking Application



FORMS

- ☐ **Create new Advice** *Note: Automatically deducts advice(s) from prior year balance(s).*
- ☐ **Create new Advice for Selected FY** *Note: Only deducts advice from selected FY. If advice is greater than balance available, then difference will be disregarded.*
- ☐ **View/Edit Advice**

ADMIN

- ☐ **Add New Yr Beginning Allocation**
- ☐ **View/Edit Yr Beginning Allocation**
- ☐ **Transfer Funds between accounts**

REPORTS

- ☐ **MIE Ledger**
 - ☒ View Remaining Balances Only
 - ☐ View Entire Ledger
- ☐ **Advice Details**

Close DB



Division of Facilities Operations

DFO Website - <http://www.dfo.ihs.gov>



U.S. Department of Health and Human Services
Indian Health Service
The Federal Health Program for American Indians and Alaska Natives



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Division of Facilities Operations



James R. Biasco, P.E.
Director of DFO

About DFO

The Division of Facilities Operations includes the activities that support the operation of healthcare facilities to accomplish its ultimate goal: the delivery of healthcare. This Division is involved in the maintenance, repair, and improvement of

- Physical Plant (buildings),
- Utility Systems (exterior and interior),
- Clinical Equipment (medical and often non-medical),
- Grounds, Roads, and Parking Lots,
- and Building Service Equipment Systems

that provide the physical environment for patient care.

Organizing these engineering related services include assessing the structure, utilities, and equipment, designing modifications, preparing engineering drawings and specifications for repairs and improvements, and troubleshooting major components or system failures. The Division is also responsible for the realty, clinical engineering, and facilities environmental programs.

The mission of the Indian Health Service Division of Facilities Operations is:

“To support delivery of health care and preventative services to American Indians and Native Alaskans and to safeguard interests in property. Without functional health care facilities, the efficient and effective delivery of preventative and curative services is not possible. The specific goal of the program is to ensure the optimum availability of functional, well maintained health care facilities and staff housing.”